SWD
TN Buchanan

OFFICE MEMO

according to Jay

Talked to Jim Lehrer on May 30, 1973. Told him that pits would have to be completely drained and the water kept out of the pit before a proposal would be approved. The engineer who did a previous study indicated the G. W. at about 18 feet. Some of the water may be G. W. Lehrer said they would probably abandon the idea.

Lawrence Boehm Jr. — 6-1-73
Lawrence F. Boehm — Date

00610

766-2758



WISCONSIN TISSUE MILLS

Manufacturers of Paper & Paper Products

MENASHA, WISCONSIN

Mr. James Lehrer
Lehrer Trucking, Inc.
1604 Crooks Avenue
Kaukauna, Wisconsin 54130

5/14/73

Dear Mr. Lehrer:

Through discussions of the past several months, we recently resolved contractual arrangements with you whereby you are, upon start up of our waste treatment facilities about mid year, 1973, to provide daily haul and landfill site disposal of our waste deink pulp and tissue paper mill sludge. This is industrial waste only - our sanitary sewage goes to the N-M Sewage Plant.

Per said contract, you will assume responsibility for operation in accord with relevant local, State and Federal regulations, and for obtaining and maintaining necessary licenses and/or approvals thereto. Pursuant to this, you have requested further description of our waste sludge, general composition and character, to assist in obtaining of such approval as may be needed from the Wisconsin Department of Natural Resources.

As you had been advised, we expect our EIMCO reactor clarifier and Zurn-Attisholz biological oxidation system to collectively generate daily some 35,000 to 45,000 lbs. dry basis of pulp-paper mill sludges, dewatered through EIMCO centrifuges to 25 to 30% solids.

Approximately 90% of these solids will come from the primary clarifier, and by best estimates from wastes stream monitoring and various pilot studies, be composed of 50-55% ash (paper fillers-predominately kaolin clay, some calcium carbonate, alumina, titanium dioxide, and ink fillers) and the balance largely fine paper fibers residual from our deinking recovery of fiber from recycled printed papers and/or unrecoverable in our tissue paper manufacture. The other 10% of solids will be excess sludge from the biological oxidation system, with ash of 25 to 40%, balance spent activated sludge and oxidized organic material from starch and other binders, rosin sizing, etc. removed from recycled papers.

Since our mill deinking operation separates reusable fiber from other paper constituents, the above solids also will contain trace to fractional percentage amounts of a wide variety of other additives commonly used in the manufacture of the varied types of papers which we recycle. These can be considered generally either inert or long-term biodegradable, should create no problems for landfill operations.

00609

Among the variety of sludges now being landfilled with DNR approval in our general area, ours would compare most nearly to Bergstrom Paper Company's, which they are landfilling without cover at the South edge of Little Lake Butte des Morts in Neenah. It is quite conceivable that our material could be used directly as cover for other refuse in your operations.

Since you are already landfilling K-C's Kimberly sludge with DNR approval, I can foresee no major problems - but would be pleased to assist further in any way practical.

Very truly yours,

WISCONSIN TISSUE MILLS

WDR/mjw

W. D. RICE, Manager
ENVIRONMENTAL SYSTEMS

April 27, 1973

Mr. Edwin Harold
Town Assessor - Town of Menasha
1248 Oneida Road
Menasha, Wisconsin 54952

Dear Mr. Harold:

Thank you for allowing me to air my plea for a sanitary landfill for paper mill sludge only in the meeting held on Wednesday, April 25, 1973.

My request is this: I would like to utilize Mrs. Grimes' spent gravel pit for exclusively Wisconsin Tissue Mills' sludge from their waste water treatment plant. This material is of the same nature that Bergstrom Paper Company is now placing along the lower lake in the City of Neenah.

The material is of a nature that there is no organic odor; is gray in color and contains various chemicals but in very minute amounts. If a breakdown of these chemicals is necessary, I am sure this could be arranged.

This material is heavy in nature and would require heavy trucks to transport it. Loads would estimate at 15 ton or more and would be hauled by our vehicles. All vehicles would meet the Motor Vehicle Department standards.

I have contacted the D.N.R. and discussed this matter with them. Their decision is that the material is not of a pollutant nature and will not require sanitary landfill methods. When I asked them if the pit was acceptable, their answer was that if the water is surface water and can be drained reasonably, no further work would be needed. But, if it is table water, then the water must be drained and the hole filled to beyond the table level with earth. Sludge fill of the material described above, and exclusively this material, would meet D.N.R. standards.

At this time no visual inspection was made by the D.N.R. The first step in doing this was to acquaint the general public and secure the board ruling on this matter, and then following thru with the Town and County Boards. After this is completed, then the licensing and other formalities can be completed with the D.N.R. It would require licensing a new installation and therefore require a license from the D.N.R. I feel there will be no problem in securing permission with the D.N.R.

00607

My personal feeling at this time is that the sludge involved would fill an unsightly gravel pit in addition to being an asset to the community in that it would provide a better environment in future years. At this time, an undertaking of this nature would benefit everyone concerned -- such as added revenue to Mrs. Grimes and to the Town. I feel if the sanitary landfill of this pit is operated under the code, it can really improve this section of town as to permit further development in this beautiful area.

I am sure someone by this time has checked this material and will agree with all the statements herein made.

Thank you for your time and consideration in this issue. I will await your decision.

Very truly yours,

LEHRER TRUCKING INC.

James M. Lehrer
President

5-25-73

(gravel pit — ~~gf~~ dredged down ~~to~~ clay.
Q9 + Christ rd.)

Mr. Grimes owns northern pit

Cortrey owns southern pit

drain water + pump rest out.

some trees growing in water = could be ~~to. surface~~ runoff.

2 houses within 1/4 mile